

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 31, 2003, 13:34:57 ; Search time 53 Seconds
(without alignments)
1178.635 Million cell updates/sec

Title: US-10-082-894-2

Perfect score: 2786

Sequence: 1 MDKYNQVQKVCVLVIDGWG.....LMGLPVPPEMDGVLLBQRG 526

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 451899 seqs, 118759770 residues

Total number of hits satisfying chosen parameters: 451899

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pdb.pdb.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pdb.pdb.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pdb.pdb.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pdb.pdb.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pdb.pdb.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pdb.pdb.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pdb.pdb.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pdb.pdb.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pdb.pdb.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pdb.pdb.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pdb.pdb.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09D_PUBCOMB.pdb.pdb.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pdb.pdb.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pdb.pdb.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pdb.pdb.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pdb.pdb.*
- 17: /cgn2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pdb.pdb.*
- 18: /cgn2_6/ptodata/2/pubpaa/US10F_PUBCOMB.pdb.pdb.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	996	35.8	491	10	US-09-895-913A-106
2	333	12.0	161	9	US-09-159-469-35
3	333	12.0	161	9	US-09-798-042-35
4	110	3.9	1089	11	US-09-946-374-102
5	110	3.9	1089	14	US-10-052-586-266
6	110	3.9	1089	15	US-10-174-590-266
7	110	3.9	1089	15	US-10-176-758-266
8	110	3.9	1089	15	US-10-175-737-266
9	110	3.9	1089	15	US-10-173-706-266
10	110	3.9	1089	15	US-10-175-738-266
11	110	3.9	1089	15	US-10-175-752-266
12	110	3.9	1089	15	US-10-176-482-266
13	110	3.9	1089	15	US-10-176-757-266
14	110	3.9	1089	15	US-10-176-913-266
15	110	3.9	1089	15	US-10-180-552-266

16	110	3.9	1089	15	US-10-180-557-266	Sequence 266, App
17	110	3.9	1089	15	US-10-173-700-266	Sequence 266, App
18	110	3.9	1089	15	US-10-174-572-266	Sequence 266, App
19	110	3.9	1089	15	US-10-174-579-266	Sequence 266, App
20	110	3.9	1089	15	US-10-174-582-266	Sequence 266, App
21	110	3.9	1089	15	US-10-174-588-266	Sequence 266, App
22	110	3.9	1089	15	US-10-175-739-266	Sequence 266, App
23	110	3.9	1089	15	US-10-175-740-266	Sequence 266, App
24	110	3.9	1089	15	US-10-175-743-266	Sequence 266, App
25	110	3.9	1089	15	US-10-176-488-266	Sequence 266, App
26	110	3.9	1089	15	US-10-176-492-266	Sequence 266, App
27	110	3.9	1089	15	US-10-176-747-266	Sequence 266, App
28	110	3.9	1089	15	US-10-176-750-266	Sequence 266, App
29	110	3.9	1089	15	US-10-176-985-266	Sequence 266, App
30	110	3.9	1089	15	US-10-176-987-266	Sequence 266, App
31	110	3.9	1089	15	US-10-176-992-266	Sequence 266, App
32	110	3.9	1089	15	US-10-176-993-266	Sequence 266, App
33	110	3.9	1089	15	US-10-184-588-266	Sequence 266, App
34	110	3.9	1089	15	US-10-176-991-266	Sequence 266, App
35	110	3.9	1089	15	US-10-173-695-266	Sequence 266, App
36	110	3.9	1089	15	US-10-173-697-266	Sequence 266, App
37	110	3.9	1089	15	US-10-173-705-266	Sequence 266, App
38	110	3.9	1089	15	US-10-174-576-266	Sequence 266, App
39	110	3.9	1089	15	US-10-174-585-266	Sequence 266, App
40	110	3.9	1089	15	US-10-174-586-266	Sequence 266, App
41	110	3.9	1089	15	US-10-175-747-266	Sequence 266, App
42	110	3.9	1089	15	US-10-176-481-266	Sequence 266, App
43	110	3.9	1089	15	US-10-176-485-266	Sequence 266, App
44	110	3.9	1089	15	US-10-176-487-266	Sequence 266, App
45	110	3.9	1089	15	US-10-176-493-266	Sequence 266, App

ALIGNMENTS

RESULT 1
US-09-895-913A-106
; Sequence 106, Application US/09895913A
; Patent No. US20020160456A1
; GENERAL INFORMATION:
; APPLICANT: Kleanthous, Harold
; APPLICANT: Al-Garawi, Amal
; APPLICANT: Miller, Charles
; APPLICANT: Tomb, Jean Francois
; APPLICANT: Oomen, Raymond P.
; TITLE OF INVENTION: Identification of Polynucleotides
; TITLE OF INVENTION: Encoding No. US20020160456A1 Helicobacter Polyptides in t
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 06132/043002
; CURRENT APPLICATION NUMBER: US/09/895,913A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 08/881,227
; PRIOR FILING DATE: 1997-06-24
; NUMBER OF SEQ ID NOS: 368
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 491
; TYPE: PRT
; ORGANISM: Helicobacter pylori
US-09-895-913A-106

Query Match 35.8%; Score 996; DB 10; Length 491;
Best Local Similarity 42.9%; Pred. No. 2.9e-92;
Matches 219; Conservative 94; Mismatches 170; Indels 28; Gaps 12;
QY 9 QKVLIVTDGNGLSDEQHNAIAKATPIMDKLCSG-NWQKLEAHLHVLPEGLMGNSE 67
Db 3 QKTLIIITDGIYRKSDSDHNAFFHAKPTDLMFKTLPYSLIDTGLSVGLPKQGMNSE 62
QY 68 VCHLNIGAGRVLYQDIVRINLAVORNEFVNPQIVASAEAKKSGRHLHLGLVSDGGVH 127
Db 63 VGHMCIGAGRVLYQDLVKISLSLQNDLKNPFAFLNTTQK-----SPVVHLMGLMSDGGVH 118

QY 128 SHIDHIFALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYLEQLLOFIASEKYGELATIT 187
Db 119 SHIEHTALALECEKSH-KKVCLEHLITDGRDVAAPKSALTILKQ-MONICNESI-QIATIS 175
QY 188 GRYVAMDRKRERIKMAYEAIVGGIGOKATVDKAVDVVRERYAQSTDEFLKPIVESDD 247
Db 176 GRYVAMDRKRERIKMAYEAIVGGIGOKATVDKAVDVVRERYAQSTDEFLKPIVESDD 232
QY 248 GRYVAMDRKRERIKMAYEAIVGGIGOKATVDKAVDVVRERYAQSTDEFLKPIVESDD 307
Db 233 CGMQDDSEFTIFNRDRAREIVSALGQKQFSGFKRV--FKKLHATHTPYDNTPTPV 290
QY 308 LFPVTHVNVLAELASQVTPHCAETEKYPHVTFFNGREVGQDEERCMPSPKEV 367
Db 291 LFPKESQVNTLAELASQVTPHCAETEKYPHVTFFNGREVGQDEERCMPSPKEV 349
QY 368 ATYDLKPEMNAAGVAEKMBEIOESGRHPLVMCMFAPDMVGHGKPEPAVKACQATDEAI 427
Db 350 TTIDLPKEMSAKEVTAVLEQMKGT-DLIIVFANGDMVGHGKPEPAVKACQATDEAI 408
QY 428 KIFIEACQTYNYVLMVTSDHGNAEKMIAPDGSSEHTAHTCNLVPFTGSSKTFVFKSTPTTG 487
Db 409 GEILSLAKLDYAMLTSDHGCNCKMKDENQNLNHTAG-----SVYCFVL-----G 456
QY 488 DDGKE-RARALRDVAPTVLQMLGVPPMD 517
Db 457 DGVKSIKNGALNNAISSVLKMLGKAPATMD 487

RESULT 2

US-09-159-469-35
; Sequence 35, Application US/09159469
; Patent No. US20020064535A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: THERAPY OF EHRlichia INFECTION
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/159,469
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/106,582
; FILING DATE: 29-JUN-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.439C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 161 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

; ORIGINAL SOURCE:
; ORGANISM: Ehrlichia
; US-09-159-469-35
Query Match 12.0%; Score 333; DB 9; Length 161;
Best Local Similarity 45.3%; Pred. No. 1.2e-25;
Matches 72; Conservative 22; Mismatches 61; Indels 4; Gaps 3;
QY 49 LEAHGLHVLGPEGLMGNSVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 108
Db 7 LSASGTDVGLPSQGFNSVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 64
QY 109 KKGSGRLHLLGLVSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 168
Db 65 QAKGGVCHMIGLLSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 123
QY 169 EQLLOFIASEKYGELATITGRYYAMDRDRKWERIKMAYE 207
Db 124 GMLNAKI-EHLNAEITAVAGRYVAMDRDRNRLDRTCKAYD 161

RESULT 3

US-09-798-042-35
; Sequence 35, Application US/09798042
; Patent No. US20020068343A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
; TITLE OF INVENTION: AND TREATMENT OF EHRlichia INFECTION
; FILE REFERENCE: 210121.439C7
; CURRENT APPLICATION NUMBER: US/09/798,042
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 35
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Ehrlichia sp.
; US-09-798-042-35

Query Match 12.0%; Score 333; DB 9; Length 161;
Best Local Similarity 45.3%; Pred. No. 1.2e-25;
Matches 72; Conservative 22; Mismatches 61; Indels 4; Gaps 3;
QY 49 LEAHGLHVLGPEGLMGNSVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 108
Db 7 LSASGTDVGLPSQGFNSVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 64
QY 109 KKGSGRLHLLGLVSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 168
Db 65 QAKGGVCHMIGLLSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 123
QY 169 EQLLOFIASEKYGELATITGRYYAMDRDRKWERIKMAYE 207
Db 124 GMLNAKI-EHLNAEITAVAGRYVAMDRDRNRLDRTCKAYD 161

RESULT 4

US-09-946-374-102
; Sequence 102, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deshoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830P1C1
 CURRENT APPLICATION NUMBER: US/09/946,374
 CURRENT FILING DATE: 2001-09-04
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099602
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099642
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099741
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099754
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099763
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099792
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099808
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099812
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099815
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099816
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/100385
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100388
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100390
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100584
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100627
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100661
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100662
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100664

RESULT 5
US-10-052-586-266
; Sequence 266, Application US/10052586
; Publication No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc


```
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGREVFQFODERCMVPSKEVATYDLKPEMNA-----GVAEKMWQIESGRHPLVM 398
DB 169 SAGRRVFMGDDTWKDLFPAGFSKAFPPSFNVRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPDPMVGHGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
DB 229 AHFLGVHDHCHGKHGHPHPEMAKLSQMDQVIOGLVERLEN-DTLLVAVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPTFCSSKTFVFKSTPTGDDGKERARALRDA--PTVLQMLGLP 511
DB 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVPOVSLVPTLALLGLP 334
QY 512 VP 513
DB 335 IP 336

RESULT 7
US-10-176-758-266
; Sequence 266, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGREVFQFODERCMVPSKEVATYDLKPEMNA-----GVAEKMWQIESGRHPLVM 398
DB 169 SAGRRVFMGDDTWKDLFPAGFSKAFPPSFNVRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPDPMVGHGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
DB 229 AHFLGVHDHCHGKHGHPHPEMAKLSQMDQVIOGLVERLEN-DTLLVAVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPTFCSSKTFVFKSTPTGDDGKERARALRDA--PTVLQMLGLP 511
DB 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVPOVSLVPTLALLGLP 334
QY 512 VP 513
DB 335 IP 336

RESULT 8
US-10-175-737-266
; Sequence 266, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGREVFQFODERCMVPSKEVATYDLKPEMNA-----GVAEKMWQIESGRHPLVM 398
DB 169 SAGRRVFMGDDTWKDLFPAGFSKAFPPSFNVRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPDPMVGHGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
DB 229 AHFLGVHDHCHGKHGHPHPEMAKLSQMDQVIOGLVERLEN-DTLLVAVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPTFCSSKTFVFKSTPTGDDGKERARALRDA--PTVLQMLGLP 511
DB 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVPOVSLVPTLALLGLP 334
QY 512 VP 513
DB 335 IP 336
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; ORGANISM: Homo Sapien
US-10-176-758-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGREVFQFODERCMVPSKEVATYDLKPEMNA-----GVAEKMWQIESGRHPLVM 398
DB 169 SAGRRVFMGDDTWKDLFPAGFSKAFPPSFNVRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPDPMVGHGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
DB 229 AHFLGVHDHCHGKHGHPHPEMAKLSQMDQVIOGLVERLEN-DTLLVAVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPTFCSSKTFVFKSTPTGDDGKERARALRDA--PTVLQMLGLP 511
DB 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVPOVSLVPTLALLGLP 334
QY 512 VP 513
DB 335 IP 336

RESULT 8
US-10-175-737-266
; Sequence 266, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGREVFQFODERCMVPSKEVATYDLKPEMNA-----GVAEKMWQIESGRHPLVM 398
DB 169 SAGRRVFMGDDTWKDLFPAGFSKAFPPSFNVRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPDPMVGHGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
DB 229 AHFLGVHDHCHGKHGHPHPEMAKLSQMDQVIOGLVERLEN-DTLLVAVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPTFCSSKTFVFKSTPTGDDGKERARALRDA--PTVLQMLGLP 511
DB 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVPOVSLVPTLALLGLP 334
QY 512 VP 513
DB 335 IP 336
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; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-266

Query Match
Best Local Similarity 3.9%; Score 110; DB 15; Length 1089;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGGREVFQDEERCWVSPKQVATYDLKPEMNA-----GVAEKWVEQIESGRHPLVM 398
Db 169 SAGRRVFMGDDTWKDLFPKAFKFFPSFNVRLDVTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPPDMVGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
Db 229 AHFLGVDHCGHKHGHHPHEMAKKLSQMDQVIOGLVERLEN-DTLIVVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPFTCSKTFVFKSTPTPTGDDGKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

RESULT 11
US-10-175-752-266
; Sequence 266, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-266

Query Match
Best Local Similarity 3.9%; Score 110; DB 15; Length 1089;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGGREVFQDEERCWVSPKQVATYDLKPEMNA-----GVAEKWVEQIESGRHPLVM 398
Db 169 SAGRRVFMGDDTWKDLFPKAFKFFPSFNVRLDVTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPPDMVGHT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
Db 229 AHFLGVDHCGHKHGHHPHEMAKKLSQMDQVIOGLVERLEN-DTLIVVAGDHGTTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPFTCSKTFVFKSTPTPTGDDGKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

RESULT 10
US-10-175-738-266
; Sequence 266, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
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QY 454 IAPDSEHTAHCNLPFTCSKTFVKSPPTGDDGKERARALRDVA--PTVLQLMGILP 511
 : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 287 ----GGDELEVSAAFLY---SPTAVFPSTPP-----EPEVPIQVSLVPTALLIGLP 334

QY 512 VP 513
 :
Db 335 IP 336

RESULT 15

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US-10-180-552-266
; Sequence 266, Application US/10180552
; Publication No. US20030022300A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C153
; CURRENT APPLICATION NUMBER: US/10/180,552
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-180-552-266

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Query Match	3.9%;	Score 110;	DB 15;	Length 1089;
Best Local Similarity	25.3%;	Pred. No. 0.13;		
Matches	46;	Conservative 27;	Mismatches 81;	Indels 28; Gaps 9;
QY	346	NGGREVQFODEERCMPSPKEVATYDLKPEMNA-----GVAEKMVVEOIESGRHPLVM	398	
		: : : : : : : : : : : : : : : : : : :		
Db	169	SAGRNVFMGGDTWKDLFCQAFSKAFFPSFNVRDLDTVNDGLEIHELYPTWDSGEWDVLI	228	
QY	399	CNFAPDDMWGHT-GKTEPAV-KACQATDEAIGKIFECQTYNTVLWMTSDHG---NAAKM	453	
		: : : : : : : : : : : : : : : : : :		
Db	229	AHELGVHDCHGHKHGPHPEMAKKLSQMDQVIQGLVERLEN-DTLVVAGDHGMTTNGDH-	286	
QY	454	IAPDGSEHTAHTCNLPFTCSSRTFFVKSPPTGDDGKERARALROVA--PTVLQLMGIP	511	
		: : : : : : : : : : : : : : : : : :		
Db	287	---GGSELEVSAAFLFI---SPTAVFPSTPP-----EPEVIPQSLVPTLALLILGPL	334	
QY	512	VP 513		
		:		
Db	335	IP 336		

Search completed: July 31, 2003, 13:43:58
Job time : 54 secs

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